

# Towards the establishment of a Regional Training Center on Agroecological systems

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## An ideal location

- Bos Khnor, Kampong Cham province, Cambodia
- At the crossroad of several regional countries
- 15ha land dedicated to long-term experiments, seed preservation and training
- Facilities: office, seed store, training rooms, dormitory (men and women) and fields



## A long-term and collective effort

- General Directorate of Agriculture: DALRM, DAEng
- RUA, Center of Excellence of Sustainable Agricultural Intensification and Nutrition (CE SAIN), CIRAD
- AFD, USAID – The Feed the Future, CCCA/UNCCD

## Large expertise and longest experiments under CA in South-East Asia (since 2004)

- Design and assess the transition towards agro-ecological systems.
- Preservation of a large genetic bank, seed production and sharing.
- Capacity building (farmers, development practitioners and academia/research).
- Building a scientific recognition through analytical studies (Soil organic C dynamics and others soil functions).

## A range of cropping systems including appropriate-scale machinery



## Genetic banks: preserving, producing seeds and sharing

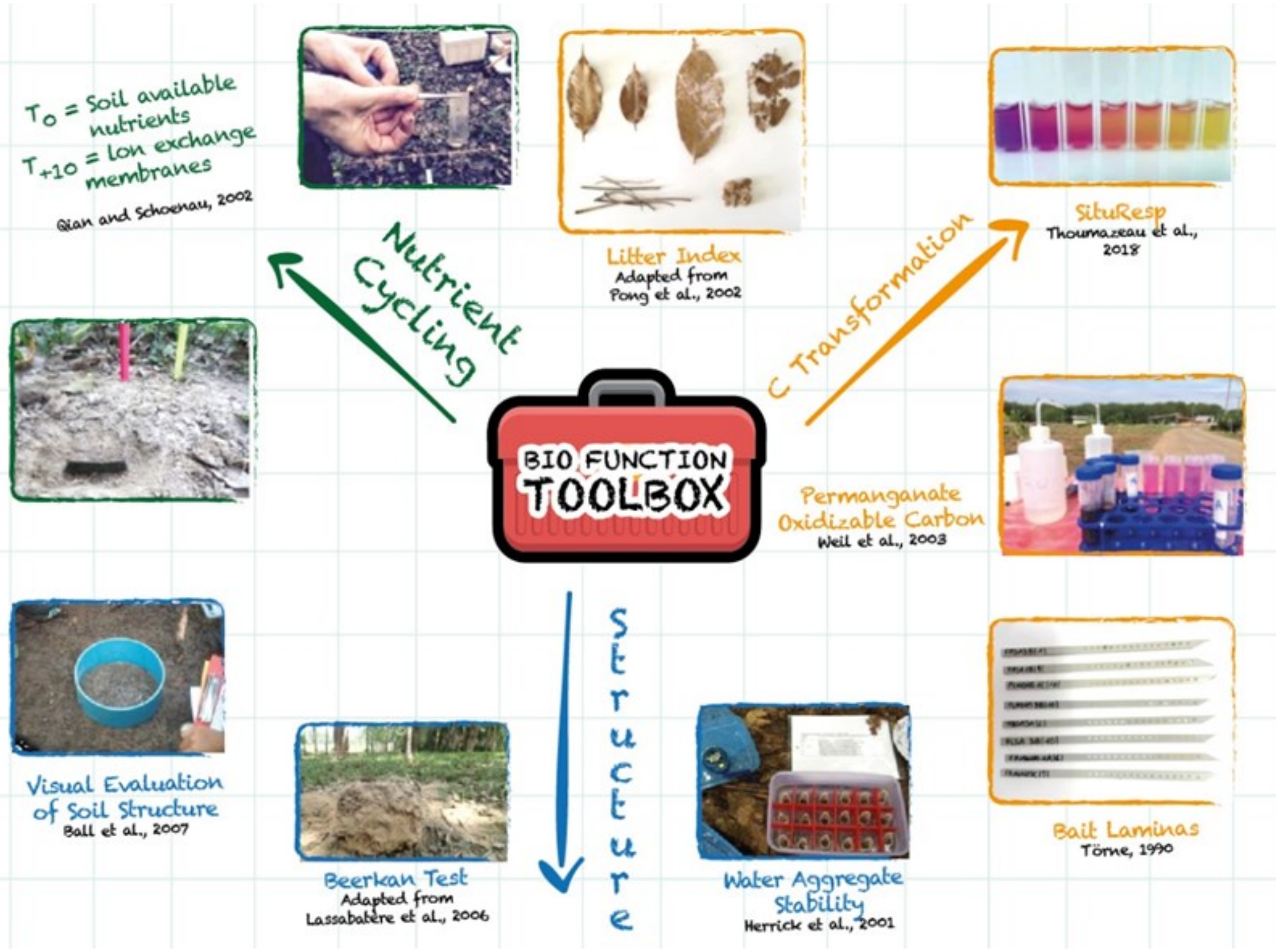
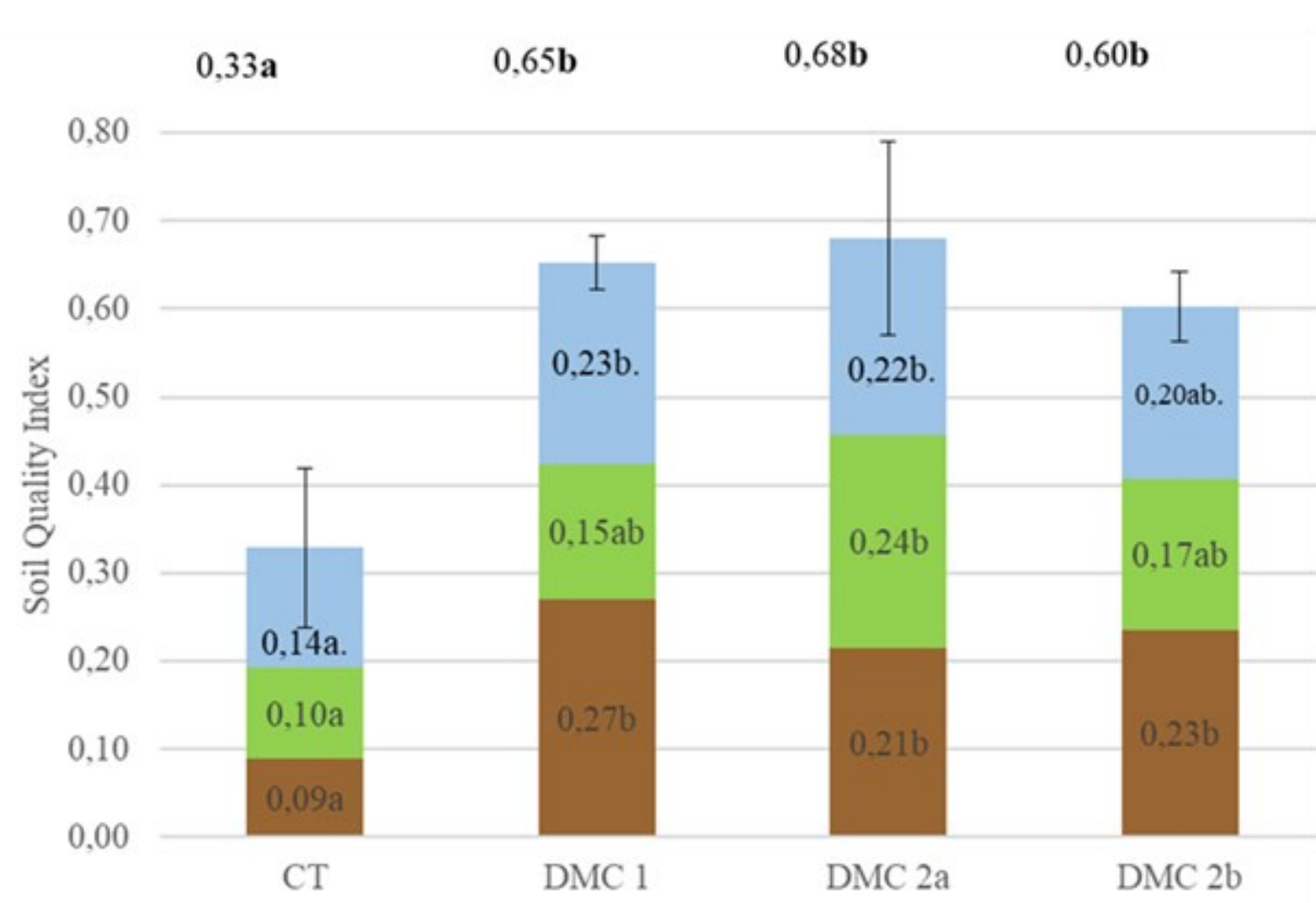
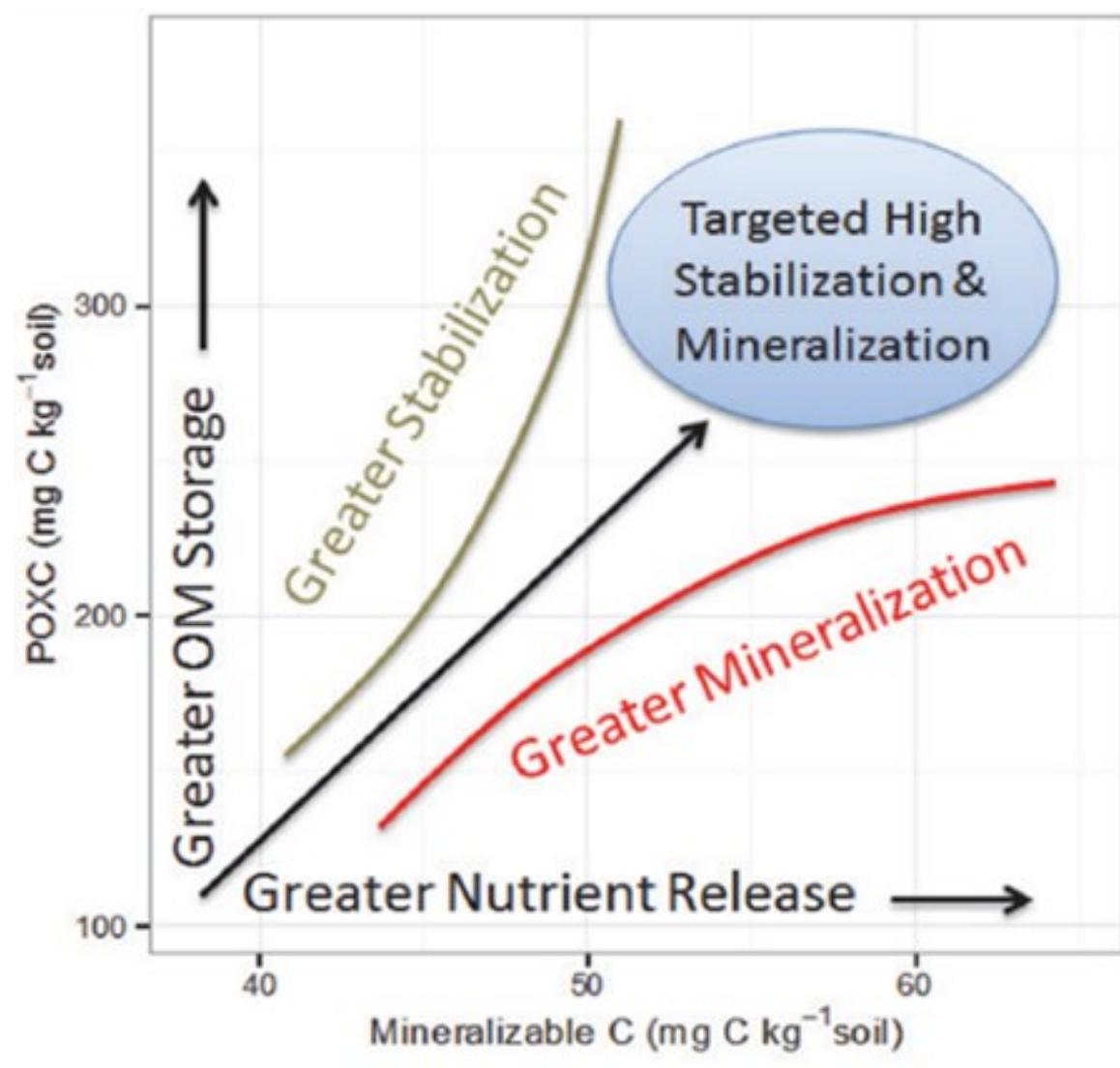


> 50 species and > 300 cultivars of staple, cash crops and under-utilized species



## In situ and decision making tool

Developing in situ tool that will be used on-farm to assess early changes in soil fertility under contrasted soil & crop management practices



## Analytical studies and building a scientific recognition

- Peer-review articles (SOC dynamics and functions)
- Pooling together different teams on different topics (national and international: RUA/CE SAIN, ITC, IRD, CIRAD, TUAT, CIAT)

## Capacity building, sharing know-how, knowledge and tools

Training on vermiculture (HORTIL)



Training on ASM



Seed swap organized with ECHO Asia, Penn State University, RUA (Aug. 6th, 2018)

## Perspectives

- To develop a regular curricula over the years for smallholder farmers, development practitioners and academia/research.
- To design an economic model for the training center.

